UTAH STATE DATA CENTER

UTAH DATA GUIDE

A NEWSLETTER FOR DATA USERS

VOL. 2 NO. 1

SUMMER 1983

SCHOOL ENROLLMENT

Total school enrollment in the United States has continued on a downward trend that began in 1975, as reported by the Bureau of the Census in a recently released report School Enrollment - Social and Economic Characteristics of Students: October 1981. From October 1975 to October 1981 the number of elementary school students declined and the number of high school students leveled off and then declined. Elementary enrollment for October of 1981 was 18 percent below its 1970 peak. High school enrollment, while not declining in 1981, was 9 percent below its apparent peak in 1977.

These national trends contract sharply with the situation in Utah. The October 1979 school enrollment reflected its first decline in Utah since October 1946. The next year school enrollment recovered and reached a new record total of 342,885 students. In October of 1981 it dropped 3.8 percent to 329,841. As before, it recovered to a new high the next year reaching 345,904 in October of 1982, the current school year.

In Utah elementary enrollment (kindergarten and grades 1-8) reached a peak of 219,873 in 1969 and declined slightly until October 1973 to 216,765. It has since resumed its upward climb increasing each year to 265,315 in the current school year. A peak of 104,363 in high school enrollment (grades 9-12) was reached in the 1978-79 school year. It has declined each succeeding year to a low of 76,879 in October 1981. Last October it again began to increase as 80,589 high school students were enrolled.

In both years that total enrollment declined (October of 1979 and of 1981), elementary enrollment increases were relatively small and significant drops in high school enrollment resulted in a net decrease.

As was noted earlier, in the current school year (1982-83) both elementary and high school enrollment increased over the previous year, with a record high of 345,904 students. Next year (1983-84), total enrollment is expected to grow a whopping 7.6 percent to 372,130. This new trend in Utah of substantial increases in both elementary and high school enrollment is expected to continue for the next several years.

Utah is a growing state. Utah leads the nation with the highest birth rate of any state. The result is an unprecedented increase in school-age population. National trends point toward reduced federal intervention in local programs, shifting many educational responsibilities back to the states with corresponding cuts in funds. Under current economic conditions the state budget is constrained and the taxpayer is demanding relief. The traditional commitment to quality education in Utah will be sorely challenged under these difficult conditions.



78

Years

79

80

30,000-

73

74

75

76

77

Comparison of Per Student Expenditures

Year	Utah	U.S.
1976	\$1,153	\$1,331
1977	1,274	1,465
1978	1,428	1,617
1979	1,546	1,776
1980	1,711	1,967

THE CHANGING COMPOSITION OF COLLEGE ENROLLMENT IN THE U.S.

81

In 1981, among persons under 35 years of age, 10.7 million were enrolled in college. Since 1976 the number of persons enrolled has remained around 10 million. When students of all ages are included (14 years of age and up), enrollment increased from 11.1 million in 1976 to approximately 12 million in 1981. Of these students 70.5 percent attend school full time, about the same rate as in the previous 4 years. This full time attendance rate is considerably below the 1970 rate of 77.7 percent. During this period the number of full time students rose one-third to 7.6 million in 1981 while part time students doubled to reach a level of 3.2 million.

Among all college students 14 years old and over, 1979 was the first year in which women outnumbered men. In 1981 there were 108 women for every 100 men enrolled in college. The first year data for college students of all ages were available was 1972, at that time there were 74 women enrolled in college for every 100 men.

From 1972 to 1981, total college enrollment grew by 33 percent, reflecting a 12 percent increase for men and a 63 percent increase for women. As a percent of all students men under the age of 25 dropped form 40 to 32 percent while women under 25 comprised 32 percent in both 1972 and 1981. During this period, men 25 years of age and over remained between 16 and 17 percent of all students when women 25 years old and over were increasing from 11 to 20 percent of all students.

The marked rise in college attendance for women cannot be attributed solely to increased part-time attendance or continuing education because one-half of the increase was in full time enrollment. Among students 14 to 34 years of age, women reached about the same level as men in full time undergraduate enrollment and exceeded men in part time enrollment in 1981. Women remained behind men with only 38 percent of full time graduate enrollment. Of male graduate students 55 percent attend full time while 42 percent of female graduate students attend full time.

Data from other sources show women do not yet graduate form college at the same rate as men. It remains to be seen if the current similar enrollment figures for men and women will produce equal proportions of college graduates in the future.

UTAH STATE DATA CENTER

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If you are not on our mailing list and would like to receive the Utah Data Guide fill out this form and return it to the Utah State Data Center.

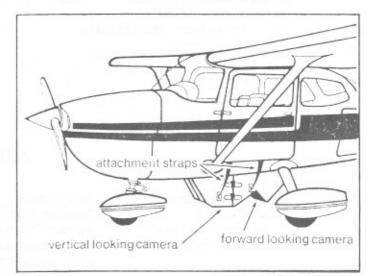
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Organization	116 State Capitol Building Salt Lake City, Utah 84114
Address	Sait Lake City, Otali 04114
City, State, Zip	

INFORMATION FROM AERIAL PHOTOS

Aerial photography provides a unique view of the landscape but high costs have limited its use. However, through an agreement with the Environmental Protection Agency, the State of Utah and its agencies have an opportunity for developing innovative

uses of low cost aerial photography for planning and resource management. EPA has loaned the State an aerial camera system. the Enviro-Pod, and will provide film and film processing for one year. The system utilizes two wide-angle cameras which are mounted in a pod that attaches to the underside of a light aircraft. This two camera system can provide very high resolution direct overhead views and oblique views. The Enviro-Pod coverage is economical enough to allow repeated flights necessary to monitor and document changing conditions, such as rising lake levels. If your agency is interested in using the Enviro-Pod or if you would like more information, contact Dave Conine, State Planning Coordinator's Office, 533-4974.



INCOME AND POVERTY IN UTAH AND IN THE UNITED STATES

Using 1980 Census data, median family income for the State of Utah was computed to be \$20,024 in 1979; that is to say that half of all families in Utah had incomes larger than \$20,024 and half had less. Utah's median family income was one half of one percent or \$96.00 greater than that for the United States as a whole. Ten years earlier (1969), median family income in Utah was 2.8 percent or \$270.00 below the national figure of \$9,590.

Compared to the other 49 States, Utah ranked 23rd in median family income in 1979. Per capita income in 1979 was computed by aggregating the incomes of everyone in the State and dividing by the total number of people, thus obtaining an "income per person"

figure.

In 1979, Utah ranked 45th out of the 50 States in per capita income at \$6,305, which is \$993 below the national figure of \$7,298. The major reason why Utah's per capita income is considerably below the national number is that Utah families are larger on average than families of any other State with a corresponding higher proportion of our

population of non-working ages (children).

Families are classified as above or below the poverty level by comparing their total 1979 income to an income cutoff or "poverty threshold." The income cutoffs vary by family size, number of childred, and age of the family householder. If the income of a family is below the poverty threshold or cutoff point they are said to be living in poverty. This is ofcourse a statistical definition of economic poverty based on income received. "Accual poverty" connotes a complex set of economic, social and psychological conditions.

In 1979, 7.7 percent of Utah's families were classified as having incomes below the poverty level compared to 9.6 percent for the United States as a whole. On the following page there is a table that shows comparisons of median family income and

poverty rates for the U.S., Utah and the 29 counties in Utah for 1979 and 1969.

FAMILY INCOME AND POVERTY STATUS FOR THE UNITED STATES, UTAH AND ITS COUNTIES IN 1979 AND 1969

	Median Family Income	Percent of U.S. Median Family Income	County Rank by Median Family Income	Median Family Income	Percent of U.S. Median Family Income	County Rank by Median Family Income	Percent Families the Pove	
	in 1979	in 1979	in 1979	in 1969	in 1969	in 1969	in 1979	in 1969
U.S.	19,928	100.0		9,590	100.0		9.6	10.7
Utah	20,024	100.5		9,320	97.2		7.7	9.1
Beaver Box Elder Cache Carbon Daggett Davis Duchesne Emery Garfield Grand Iron Juab Kane Millard Morgan Piute Rich Salt Lake San Juan Sanpete Sevier Summit Tooele Uintah Utah Wasatch Washington	14,453 19,597 17,236 22,030 18,125 21,948 18,808 21,501 14,176 19,523 16,726 17,089 14,103 15,038 22,618 12,819 17,757 21,064 14,064 14,064 14,860 17,404 21,410 21,305 20,026 17,768 17,659 15,466	72.5 98.3 86.5 110.5 91.0 110.1 94.4 107.9 71.1 98.0 83.9 85.8 70.8 75.5 113.5 64.3 89.1 105.7 70.6 74.6 87.3 107.4 106.9 100.5 89.2 88.6 77.6	24 10 18 2 13 3 12 4 25 11 20 19 26 22 1 28 15 7 27 23 17 5 16 8 14 16 21 29	7,289 9,154 7,796 8,296 10,094 10,871 7,572 6,822 7,116 9,066 8,084 7,311 7,935 6,819 9,314 7,486 8,051 9,771 6,604 6,409 7,668 8,262 9,723 8,082 8,359 8,251 6,948 5,836	76.0 95.5 81.3 86.5 105.3 113.4 79.0 71.1 74.2 94.5 84.3 76.2 82.7 71.1 97.1 78.1 84.0 101.9 68.9 66.8 80.0 86.2 101.4 84.3 87.2 86.0 72.5 60.9	22 7 17 10 2 1 19 25 23 8 13 21 16 26 6 20 15 4 27 28 18 12 5 14 9 11 24 29	11.2 6.9 7.9 5.1 9.8 5.1 10.3 7.2 9.4 10.3 9.1 8.5 12.6 12.1 6.0 10.1 11.4 6.9 25.9 11.7 7.4 4.4 6.7 10.5 10.5 10.2 6.7 11.9 20.1	19.4 10.5 12.8 10.7 16.5 4.5 13.9 14.4 12.3 9.4 9.9 12.2 7.5 16.6 5.3 14.2 4.1 8.1 32.9 17.3 13.8 9.8 6.3 13.9 11.7 8.2 15.2

SUMMARY TAPE FILE 3A

The latest computer tape received from the Bureau of the Census is Summary Tape File 3A (STF 3A). This file primarily contains sample data inflated to represent the total population. STF 3A contains tabulations covering the whole range of subjects included in the 1980 Census such as ancestry, labor force status, education, income, poverty status, detailed housing characteristics, etc. The geographic breakout begins with a State summary and continues through SMSA's, counties, places, census tracts, block groups and enumeration districts.

Much of the data contained on this computer tape will appear in publications that

are to be released before autumn of this year.

For more information concerning printouts and tape copies from STF 3A or any other summary tape files for Utah please contact the Data Center at 533-6082.

1980 CENSUS OF POPULATION AND HOUSING PRODUCT UPDATE FOR THE STATE OF UTAH

Number of Inhabitants

PC80-l-A46, report presents the final population counts from the 1980 census classified by urban and rural residence and by size of place. The geographic coverage in this report includes counties, SMSA's, census county divisions (CCD's) and places (cities and towns). Population counts are also given for prior censuses.

General Population Characteristics

PC80-1-B46, as suggested by its name, provides basic demographic characteristics for inhabitants of the State, its counties, SMSA's, CCD's, places of 1,000 or more persons, urbanized areas, and American Indian Reservations. Only summary data for those questions asked of the entire population are included in this report (100-percent data). Statistics on age, household characteristics, marital status, race and spanish origin are in this report.

General Housing Characteristics

HC80-l-A46, presents 100-percent data on occupancy, vacancy, utilization, structural and financial characteristics of housing units. The geographic coverage of this publication is the same as that found in General Population Characteristics with places of 1,000 or more inhabitants being the smallest geographic unit for which summary data are presented for housing units.

<u>Summary Characteristics for Governmental Units and Standard Metropolitan Statistical</u> Areas

PHC80-3-46, this report contains selected tabulations af 100 percent data (i.e. information asked of all households) and sample data (i.e. additional information asked of approximately one out of every six households). Included are data for the State, SMSA's, counties and incorporated places (cities and towns).

Advance Estimates of Social, Economic, and Housing Characteristics

PHC80-S2-46, this supplementary report provides sample data covering the whole range of questions asked in the 1980 Census for the State, counties and places of 25,000 or more inhabitants. The statistics presented here are being issued in advance of their separate publication in forthcoming population and housing reports that will include more geographical detail.

1980 CENSUS OF POPULATION AND HOUSING PRODUCTS CURRENTLY AVAILABLE

Printed Reports

Publication	Title	G.P.O Stock Number	Cost
PC80-1-A46	Number of Inhabitants	003-024-02735-6	\$ 3.00
PC80-1-B46	General Population Characteristics	003-024-02792-5	\$ 5.50
HC80-1-A46 PHC80-3-46	General Housing Characteristics Summary Characteristics for Gov. Units & Standard Metropolitan	003-024-03076-4	\$ 6.00
PHC80-S2-46	Statistical Areas Advance Estimates of Social,	003-024-04104-9	\$ 4.75
	Economic & Housing Characteristics	003-024-04919-8	\$ 5.50
Printed Maps			
PHC80-2-294	Census Tracts, Provo-Orem, Utah SMSA	003-024-04772-1	\$ 4.25
PHC80-2-317 PHC80-1-294	Census Tracts, SLC-Ogden, Utah SMSA Block Statistics, Provo-Orem, Utah	003-024-04795-1	\$ 5.00
	SMSA	003-024-03457-3	\$10.00
PHC80-1-317	Block Statistics, SLC-Ogden, Utah SMSA	003-024-03480-8	\$19.00
PHC80-1-46	Block Statistics, Selected Areas Utah	. 003-024-03214-7	\$24.00

These reports and maps for Utah can be ordered directly from the U. S. Government Printing Office (G.P.O.) using the following order form:

Name Organization Address		Credit Card Ord Total charges \$ Credit Card No. Expiration Date Month/Year	Fill in	the boxes below Master charge	
City, State, ZIP GPO Catalog No. or Stock No.	Quantity Desired	Title of Publication	Amount	Date CUSTOMER: Make check or money order payable to Superintendent of Documents. If to be charged to Supt. of Docs. account, indicate Deposit Account N	

These materials are also available at the Utah State Data Center, Room 116, State Capitol Building. All mail orders from the Data Center will have a postage and handling charge of \$1.00.

CENSUS OF POPULATION, 1980 EQUAL EMPLOYMENT OPPORTUNITY SPECIAL FILE (EEO FILE)

The Census Bureau has prepared an Equal Employment Opportunity (EEO) computer file for each state. This file contains two tables. Table 1 is detailed occupation (514 categories) by sex. Table 2 is years of school completed by age and sex. Both of these tables are tabulated for twelve different race/hispanic groupings for the State of Utah, its 29 counties and two SMSA's, and for cities of 50,000 or more inhabitants.

The EEO file is of particular interest to those who are involved with affirmative action programs or to anyone who would like to know the degree to which individuals of

various sex/race categories are distributed among different occupations.

Information from the EEO file is available from LMI services at Job Service, a participant in the Utah State Data Center, call Ken Jensen at 533-2436.

LABOR MARKET INFORMATION IN UTAH

The Labor Market Information (LMI) Services Section of the Utah Department of Employment Security (Job Service) has published a 25 page Directory of Labor Market Information in Utah, 1983. This directory describes the primary data collection programs, lists names and phone numbers of persons to contact for specific kinds of information, and catalogs the major publications that are available from LMI Services.

The following is a partial list of data sources available at Job Service.

Characteristics of the Insured Unemployed (ES-203) Current Employment Statistics (BLS-790) Current Population Survey (CPS) Employer Data Base (ES-202) Employment Security Automated Reporting System (ESARS) Labor Area Unemployment Statistics (LAUS) Occupational Employment Statistics Survey (OES)

To obtain a free copy of the Directory of Labor Market Information in Utah, 1983 call Marba Evans at (801) 533-2293.

UTAH STATISTICAL ABSTRACT 1983

The Bureau of Economic and Business Research (BEBR) at the University of Utah has published the ninth edition of the Utah Statistical Abstract. This document brings together the socio-economic data most often requested by government agencies, business firms, other organizations and individuals for the State of Utah.

Tables are organized under the following sixteen general headings:

-Population -Vital Statistics & Health

-Education

-Employment & Earnings

-Income

-Social Services

-Gov't. Finance & Employ.

-Elections

-Mining

-Banking & Finance

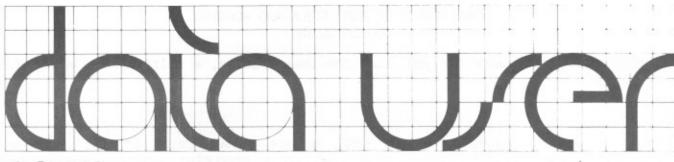
-Construction -Manufacturing -Retail Trade

-Parks & Recreation

-Communication, Transportation,

& Utilities -Agriculture

This 420 page publication is available at a cost of \$25.00, call or write the Bureau of Economic and Business Research, University of Utah, Salt Lake City, Utah 84112, phone number (801) 581-6333.



news

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1980 CENSUS OF POPULATION AND HOUSING USERS' GUIDE

Make 1980 census data work for you. Get the Users' Guide, a multi-volume work, which now includes:

PART A. TEXT

"Park A Text," issued in April 1982, covers census data subjets; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.

SUPPLEMENT 1

<u>Part B. Glossary</u> - Provides detailed definitions of population, housing, geographic, and technical terms associated with the census - especially important for people using 1980 data on tape or microfiche.

<u>Sources of Assistance</u> - Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.

<u>Updates</u> - Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revisions.

Watch for other supplements to the 1980 Users' Guide, including a table finder and a guide to tape contents.

PUT AMERICA AT YOUR FINGERTIPS

The <u>Statistical Abstract of the United States 1982-83</u>, is an economical treasure-trove presenting literally thousands of data items from hundreds of sources to profile the United States. Summary data on over 30 topics - covering the social, economic, and governmental organization of the U. S. - make the Abstract a handy reference volume. If your're a market researcher, economist, librarian, student, or anyone else who's simply inquisitive or curious about our society and needs information, the Statistical Abstract puts America at your fingertips.

This 103d edition features:

Over 1,600 tables and graphic charts based on data from over 250 government and private agencies.

93 entirely new tables, including results of the 1982 elections, and the latest results of the 1980 Census.

A section on recent trends highlighting key measures of annual change in graphic and tabular form.

A Guide to Sources listing over 1,000 statistical publications, by subject areas for further reference.

Comparative Data for States and Metropolitan Areas

The State and Metropolitan Area Data Book, 1982, is now available with data for the United States, states, and metropolitan areas. This publication presents a variety of socio-economic information which enables one to make comparisons between the geographic areas covered. Featured in this edition is data from 1980 Census of Population and Housing.

Other Data included:

Area Population	Vital Statistics	Households
Income	Employment	Physicians
Hospitals	Social Insurance	Public Assistance
Federal Gov't.	State & Local Gov't.	Communication
Banking	Crimes	Elections
Education	Energy	Manufactures
Retail Trade	Wholesale Trade	Selected Services

Also included:

- * 2018 items of data for the 50 States, regions, and divisions.
- * 320 items for metropolitan areas (coverning 318 SMSA's and 16 NECMA's)
- * 73 items for central cities of SMSA's.
- * Descriptive text for States, including tables and charts.
- * Recent trends for States.
- * Comparative rankings for metropolitan areas and States on 21 demographic and ecomonic measures.

Rank

* Appendixes supporting and supplementing the data.

Here are a few examples of how Utah compares with the other 49 States:

	1 1001 11 4	
(Out of 50 St	ates)
Population 1980	36th	
Percent Metropolitan Population, 1980	17th	
Birth rate per 1,000 population, 1979	lst	
Percent High School Graduates, 1980	2nd	
Crime rate per 100,000 population, 1980	20th	
Median Family Income, 1979	23rd	
Personal Income per capita, 1980	45th	
Percent of voting age population		
casting vote for president, 1980	5th	

<u>Title</u>	G.P.O. Stock No. or Catalog No.	Cost
Users' Guide		
Part A Text Supplement I	003-024-03625-8 003-024-05004-8	\$ 5.50 \$ 6.00
Statistical Abstract of the United States 1982-83 (paper) (cloth)	003-024-05010-2 003-024-05009-9	\$11.00 \$15.00
Data User News (monthly Newsletter)	C3.238	\$20.00/yr.
State and Metropolitan Area Data Book, 1982	003-024-04932-5	\$15.00

Use the G. P. O. order form on page 7 to order these publications.

UTAH STATE DATA CENTER 116 State Capitol Building Salt Lake City, Utah 84114